



transforming the way the world works



# Trimble Cloud Solutions

Vincent Kessler  
Regional Sales Manager



# Trimble Connect Ecosystem

*provides streamlined processes for*  
**Your Projects & Business**

**Brings designers,  
contractors and  
operators into a  
seamlessly integrated  
work process.**

**Every stakeholder can  
share, review, coordinate**

**Anywhere. Anytime.**



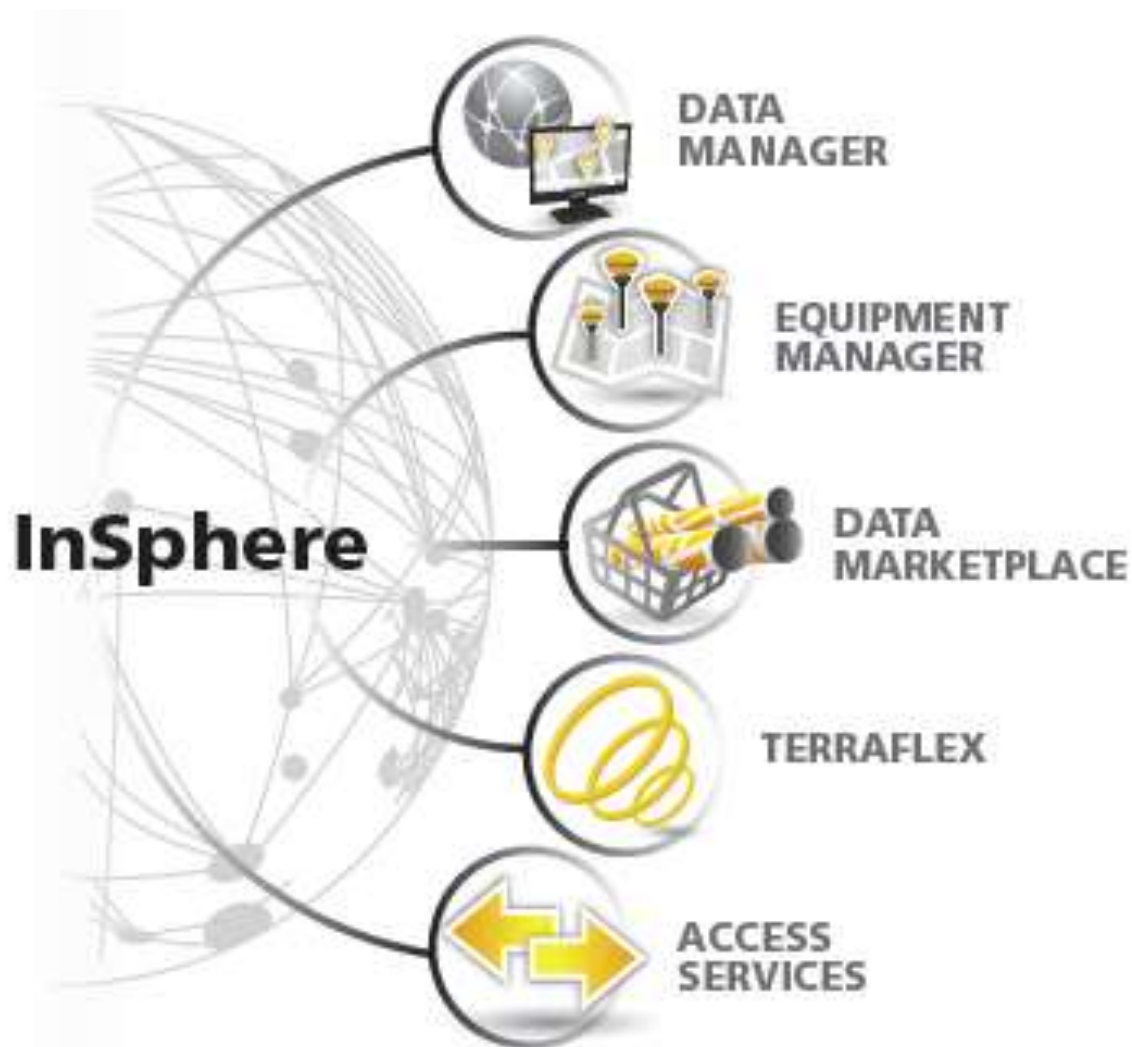




# Trimble<sup>®</sup> InSphere<sup>™</sup>

*Empowering geospatial organizations  
with a cloud-based platform of software,  
data, and services.*

# Trimble InSphere Today



# Trimble InSphere Today



## Data Manager

Securely manage your geospatial information – all in one place



## Equipment Manager

Centrally manage your organization's equipment



## Data Marketplace

Data discovery and access at your fingertips



## TerraFlex

Robust cross-platform, form based spatial and attribute data collection



## Trimble Access Services

Cloud-based data transfer services to connect the field and office



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# InSphere Data Marketplace



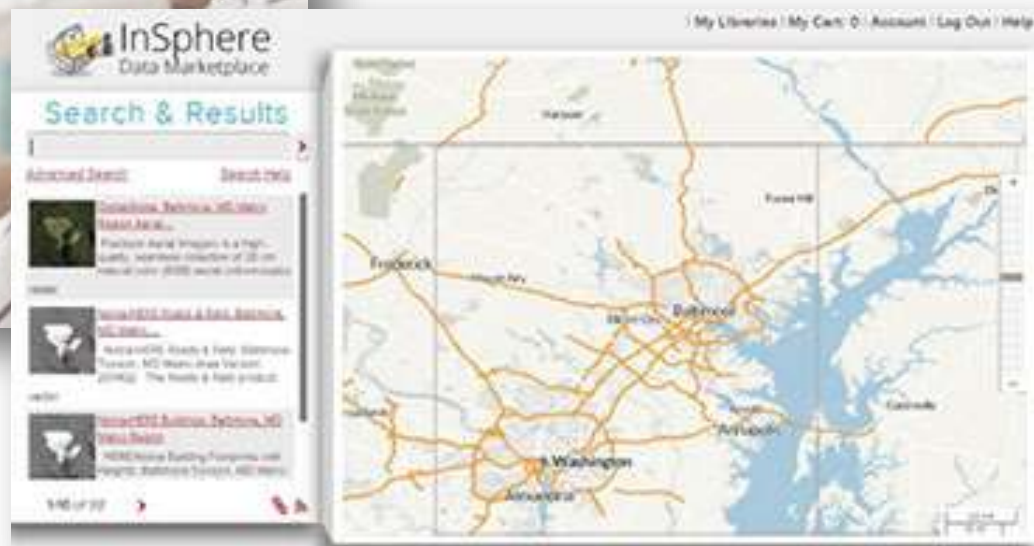
# Surveyor Data Lifecycle





# InSphere Data Marketplace

***Data Marketplace*** allows you to find and buy professional location data quickly and easily



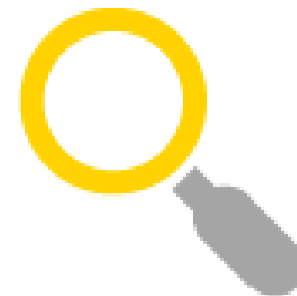
# How Data Marketplace Works



Professional User



Needs Spatial Data



Search & Assess  
InSphere Data  
Marketplace



Use Data



Data Delivery  
in Minutes



Order Data

# Available Data Today

## Imagery

*Premium* - Digital Globe Precision Aerial

## Elevation

*Premium* - Intermap US NEXTMap 5 meter Digital Elevation Model

*Premium* - Intermap World NEXTMap 30 meter Digital Elevation Model

*Free* - USGS National Elevation Data (1/3 arc-second)

*Free* - USGS Contour Lines

*Free* - Shuttle Radar Topography Mission (SRTM) Elevation: Worldwide (3 arc-sec)

## Roads (and other Geospatial Layers)

*Premium* - Nokia-HERE Roads & Rails

*Free* - OpenStreetMaps

*Free* - US TIGER/Line 2013

## Buildings

*Premium* - Nokia-Here Buildings

**And more to come...**



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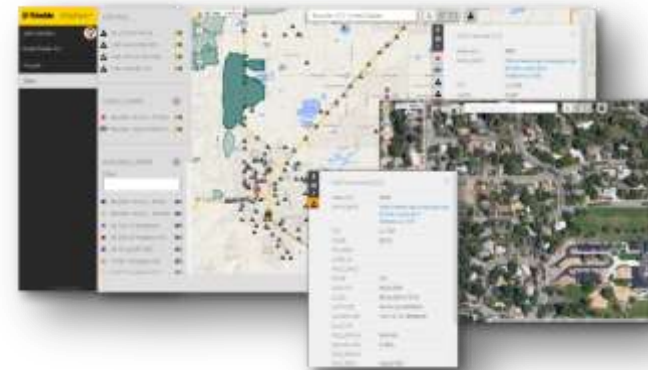
# InSphere Data Manager

## WHAT'S NEW



# InSphere Data Manager

- Securely access, search, visualize, and share geospatial information
- Immediate access to data for the whole organization
- Efficiently re-use geospatial information
- Access anywhere, anytime

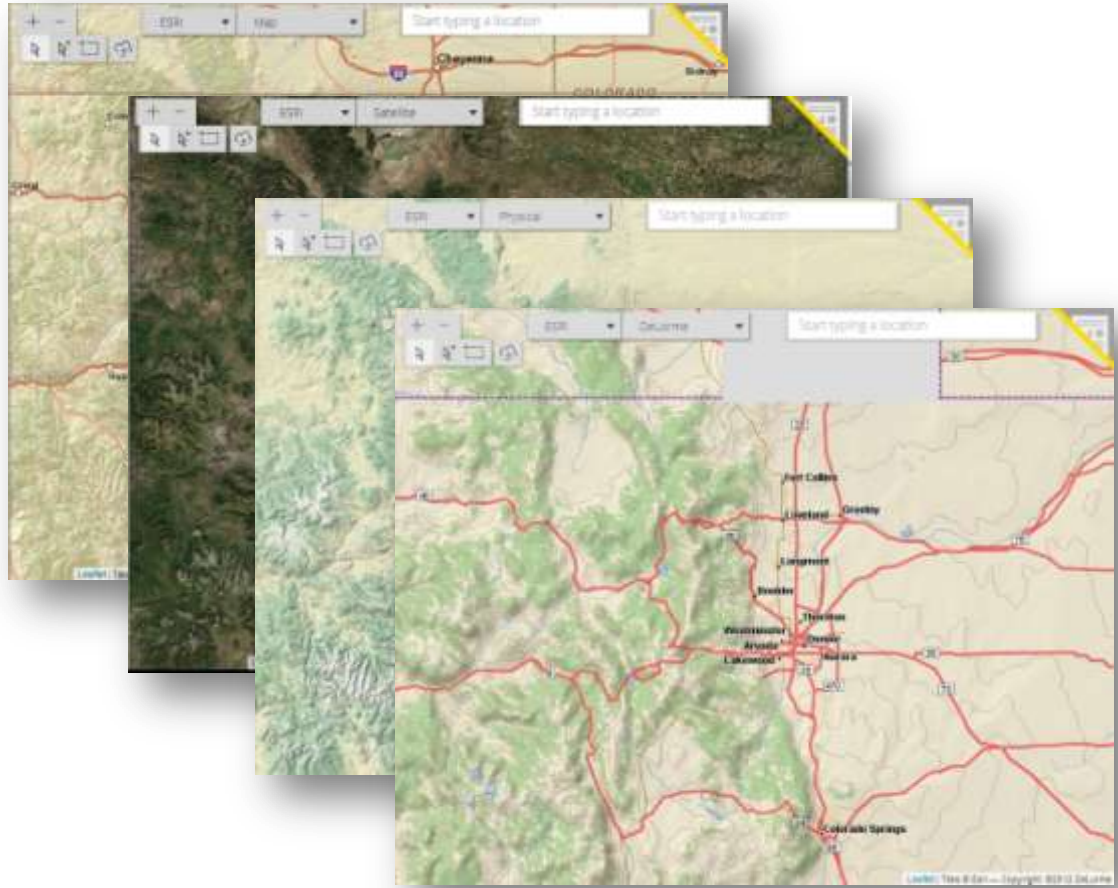


# Data Manager Enhancement

## ESRI Basemaps

View your data on freely available Esri raster layers, including:

- World Imagery
- World Street Map
- World Topographic
- Ocean Basemap
- and more...





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# InSphere Equipment Manager

## WHAT'S NEW





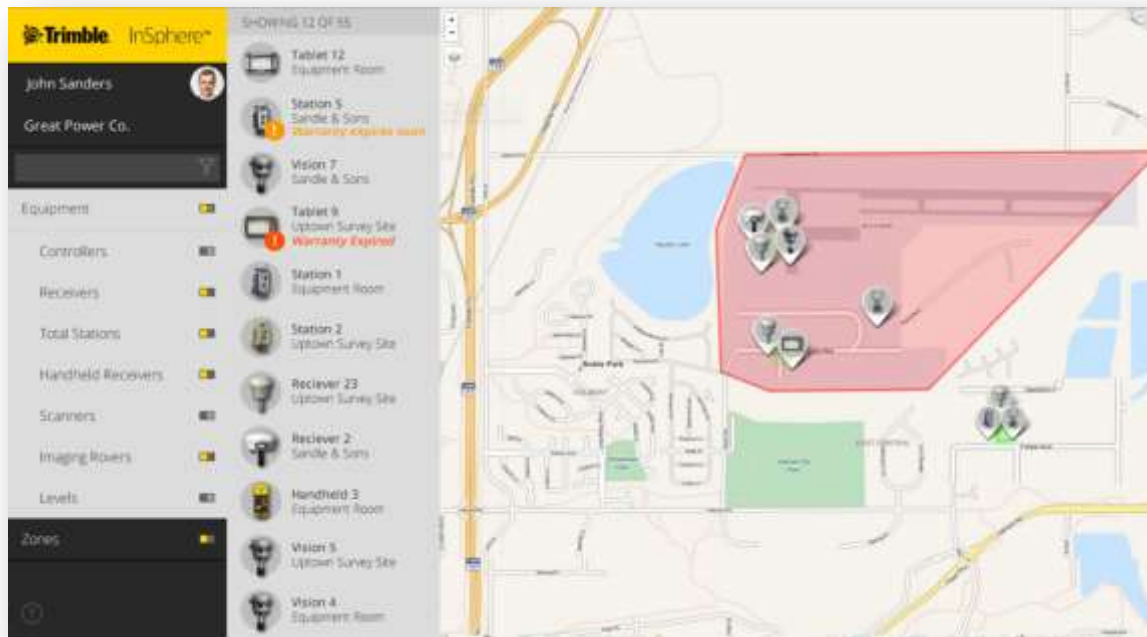
# InSphere Equipment Manager

- Centrally manage your organization's equipment
- Know your equipment's location
- View complete and accurate equipment information
- Keep up-to-date on warranty, firmware and software information



# Equipment Manager Enhancement

**Manually Add Location for a Device:** Now users can give device a location by drag-and-dropping it to a location on the map. Users can know location information for all their surveying & mapping devices.



# Equipment Manager Enhancement

**Upload Equipment List:** Users can import equipment lists from an excel spreadsheet. Now many devices can be added at once.

The image shows the 'Add Equipment' interface in the Trimble InSphere application. On the left is a navigation menu with categories like Equipment, Controllers, Receivers, Total Stations, Handheld Receivers, Scanners, Imaging Rovers, and Levels. The main area is titled 'Add Equipment' and includes a search bar for 'Sarah Smith'. Below the search bar, there are dropdown menus for 'Type' (set to 'Controller'), 'Manufacturer' (set to 'Trimble'), and 'Model' (set to 'CU Controller'). There are also input fields for 'Serial Number', 'Friendly Name', and 'Reference'. A large cloud icon with an upward arrow is labeled '... or Import an Equipment List'. Below this icon are two buttons: 'Download Template' and 'Upload Equipment List'.

Overlaid on the right is a screenshot of a Microsoft Excel spreadsheet titled 'Equipment Manager (stake) - Microsoft Excel'. The spreadsheet contains a table with the following data:

	A	B	C	D	E
1	Serial Number*	Type*	Manufacturer*	Model*	Friendly Name
2	589742364125662156	Receiver	Trimble	GPS Pathfinder ProXH	
3	589742364125662156	Scanner	Trimble	TX8	
4	589742364125662156	Controller	Trimble	CU Controller	
5	589742364125662156	Handheld Receiver	Trimble	GeoExplorer 8000 Series GeoXH	
6	589742364125662156	Scanner	Trimble	TX8	
7	589742364125662156	Imaging Rover	Trimble	V10	
8	589742364125662156	Total Station	Trimble	M3	
9	589742364125662156	Receiver	Trimble	Pro 6H	
10	589742364125662156	Receiver	Trimble	R30	
11	589742364125662156	Handheld Receiver	Trimble	GeoExplorer 8000 Series GeoXH	
12	589742364125662156	Controller	Trimble	Juno II Series	
13					
14					
15					

# Equipment Manager Enhancement

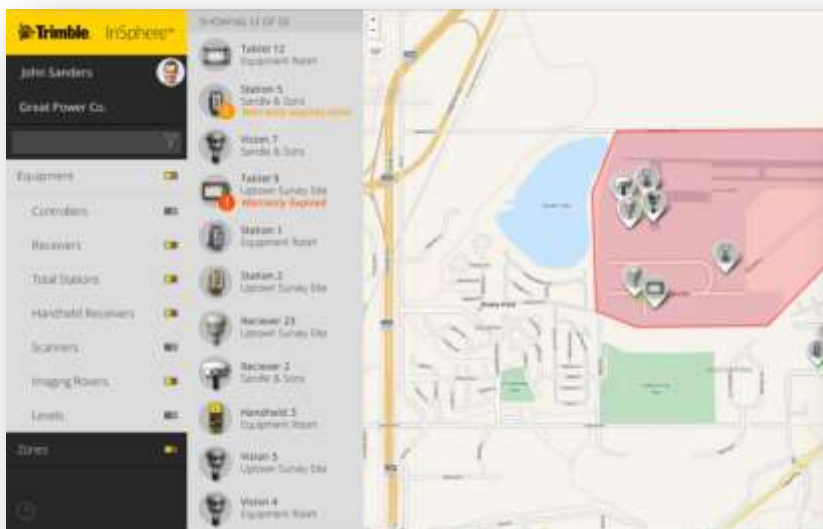
**Support Trimble Access v2013.40 and higher:** Supports Trimble controllers running Trimble Access version 2013.40 and higher, increasing the number of devices that the application can manage and report location information.





# InSphere Equipment Manager

Trimble® InSphere™ Equipment Manager allows geospatial enterprises to unify management of all equipment across the organization to improve efficiency.



# The Facts: Equipment Loss and Theft

- \$300 million of equipment was stolen in 2013 in the U.S. alone
- Approximately \$1 billion stolen worldwide
- Less than 20% of stolen equipment is recovered
- 48% percent of equipment thefts reported in 2013 were equipment manufactured in the last five years



# Manage L2P-enabled Instruments in Equipment Manager

## Locate2Protect (L2P) Technology

- Available in all new Trimble S-Series Total Stations (S9, S7, S5)
- Can be retrofit into older Total Stations
- Separate cell module, battery, GPS and accelerometer















# Real-Time Asset Tracking

## *Provides Peace of Mind*

### ■ Geofence Alerts

- Receive alerts when your equipment enters or leaves a geofenced area.

Alerts	Service	Locator	Location History	Warranty	Firmware
Date	Alert		Actions		
 25 Mar 2015 5:05:03 PM	Device entered location. Location name: Trimble				
 25 Mar 2015 5:05:09 PM	Device exited location. Location name: Trimble				
 25 Mar 2015 5:25:46 PM	Device entered location. Location name: Trimble				
 25 Mar 2015 5:40:27 PM	Device exited location. Location name: Trimble				

Showing 1 to 4 of 4 entries

### ■ Impact Alerts

- Receive alerts when your instrument experiences heavy shock or abuse.
- Prevents users from continuing to collect data with an instrument that needs calibration.

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**TerraFlex Software**

**WHAT`S NEW**



# TerraFlex

- **Fast and efficient geospatial data collection**
  - Across a fleet of mixed devices
- **Streamlined data management**
  - Keep your data organized, from field to office
- **Work anywhere**
  - Even in remote areas



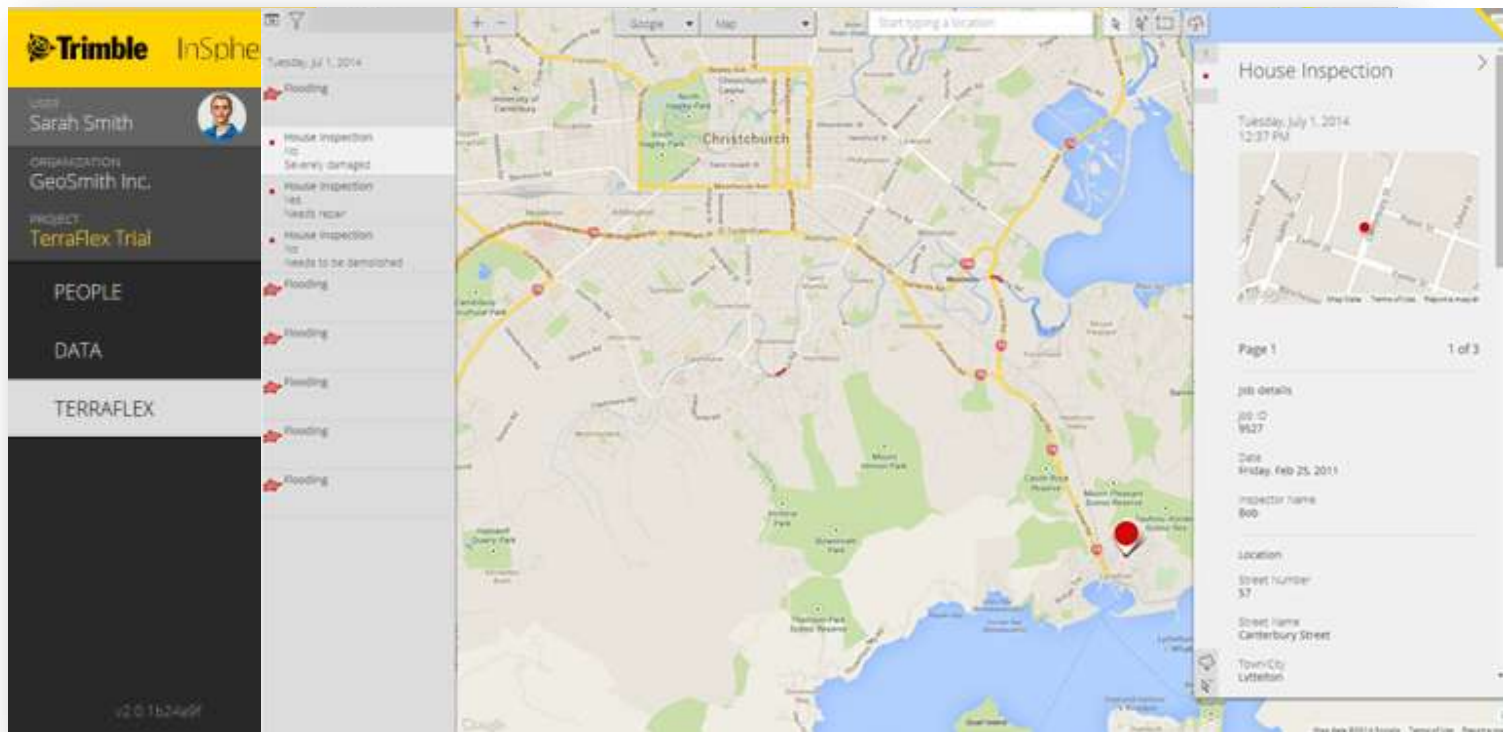
# TerraFlex New Features

- User Interface Updates
- Windows 7 Support for TerraFlex Mobile
- TerraFlex ArcMap Plug-In
- Additional Export Options
- Esri Basemap Support



# TerraFlex Merged with InSphere

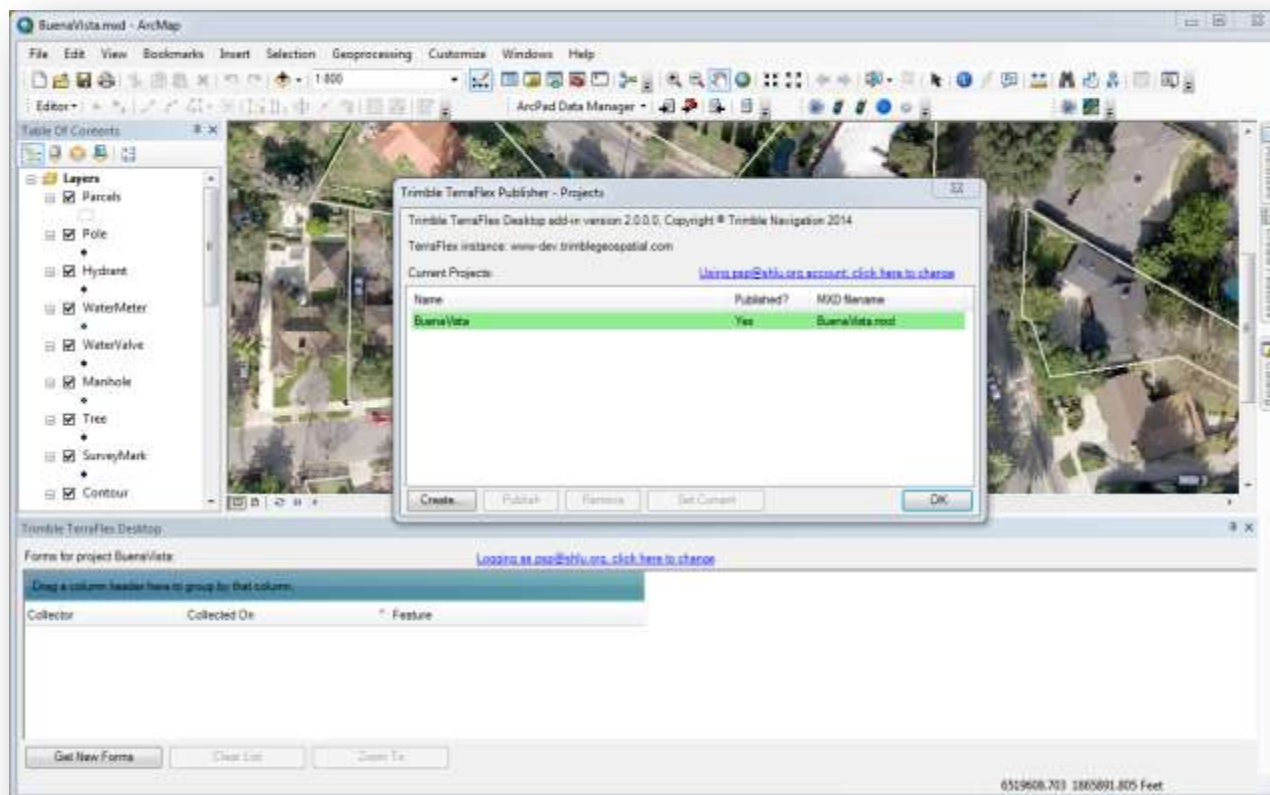
- Consistent user interface and seamless experience across InSphere applications
- TerraFlex data visible in Data Manager





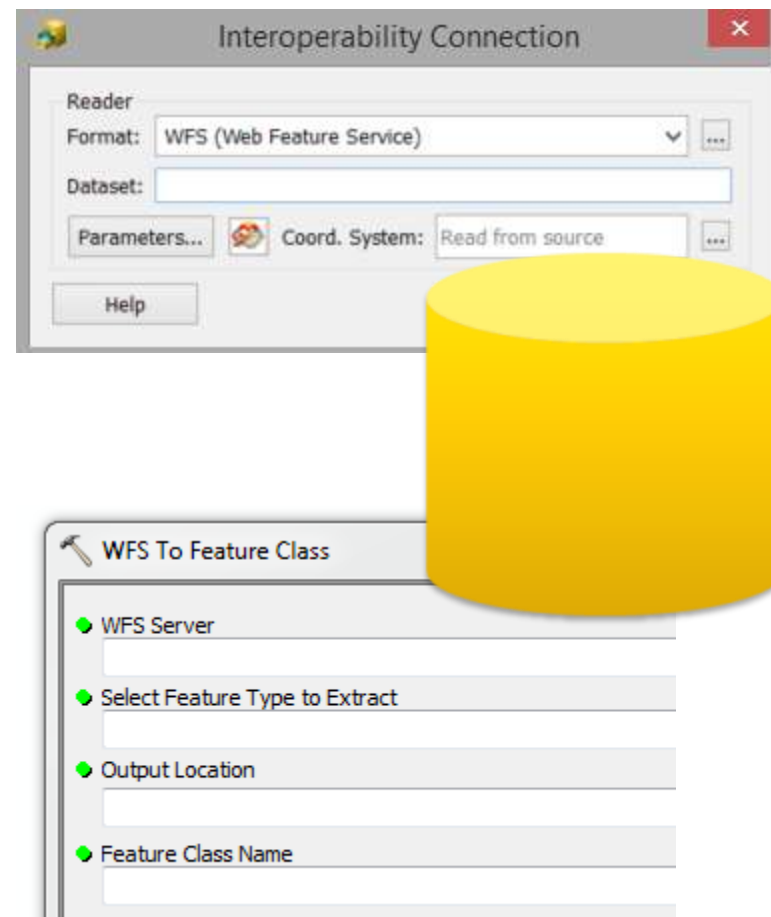
# Push/Pull Right From ArcMap®

Streamline schema import to and data transfer from TerraFlex with a single click



# Consume TerraFlex Data via WFS

You may be consuming or consolidating data from a variety of input sources



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**TerraFlex Software**

**WHAT`S NEW**



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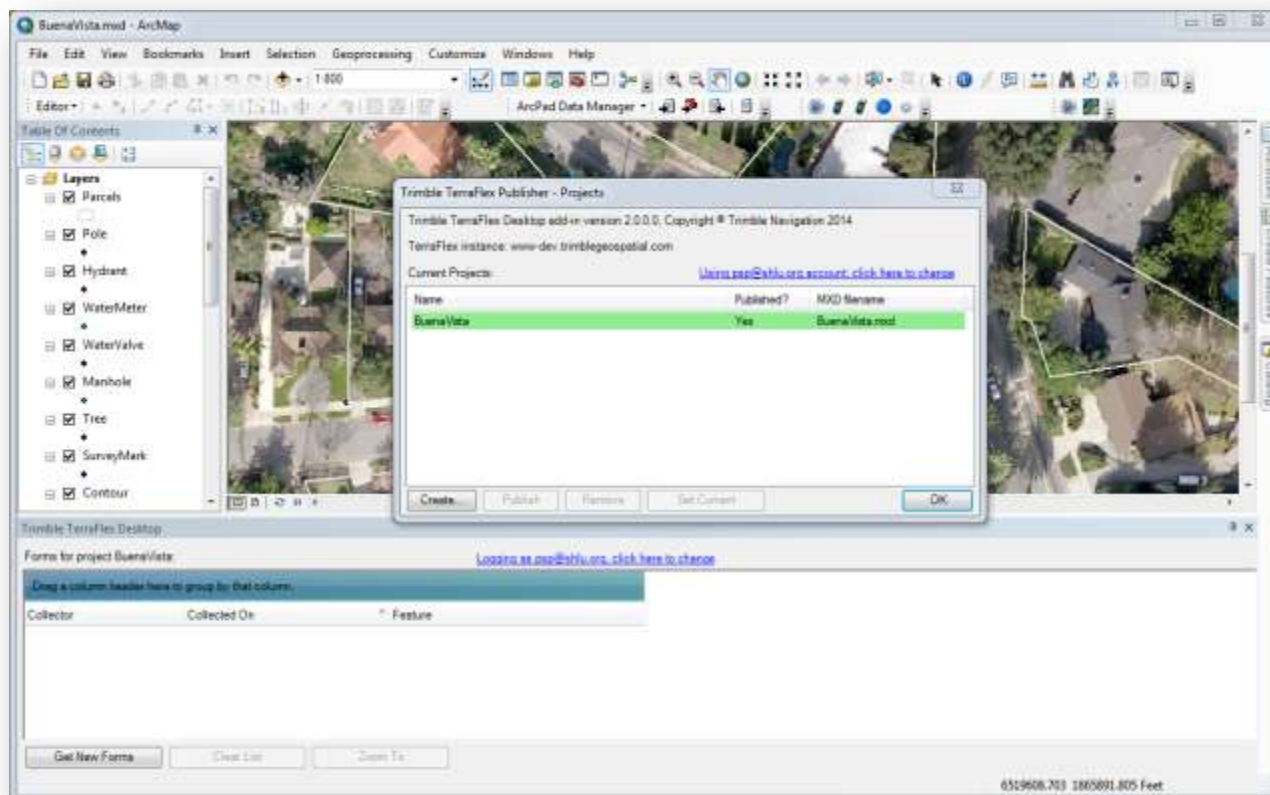
# TerraFlex Merged with InSphere

- Consistent user interface and seamless experience across InSphere applications
- TerraFlex data visible in Data Manager

The screenshot displays the InSphere application interface. On the left, a navigation sidebar includes the Trimble logo, the user's name (Sarah Smith), organization (GeoSmith Inc.), and project (TerraFlex Trial). Below this are sections for PEOPLE, DATA, and TERRAFLEX. The main area features a map of Christchurch with a yellow rectangular overlay. On the right, a 'House Inspection' job details panel is visible, showing the date (Tuesday, July 1, 2014, 12:37 PM), a small map of the location, and job information: Page 1 of 3, Job ID 9527, Date Friday, Feb 25, 2011, Inspector Name Bob, Location Street Number 37, Street Name Canterbury Street, and Town/City Lyttelton.

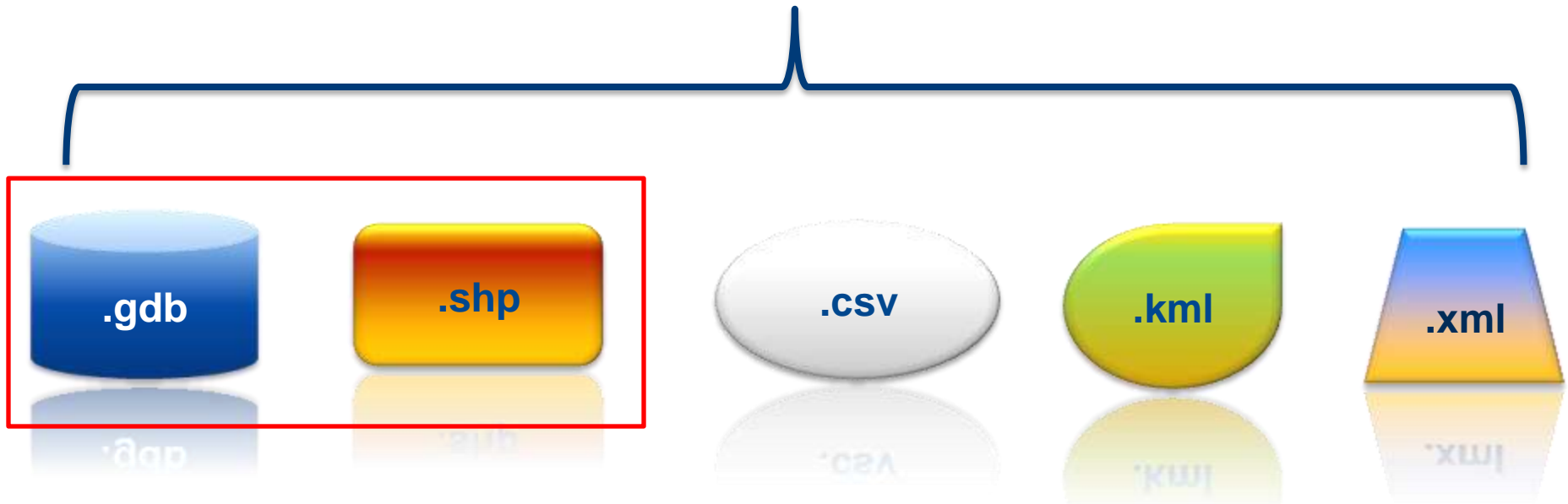
# Push/Pull Right From ArcMap®

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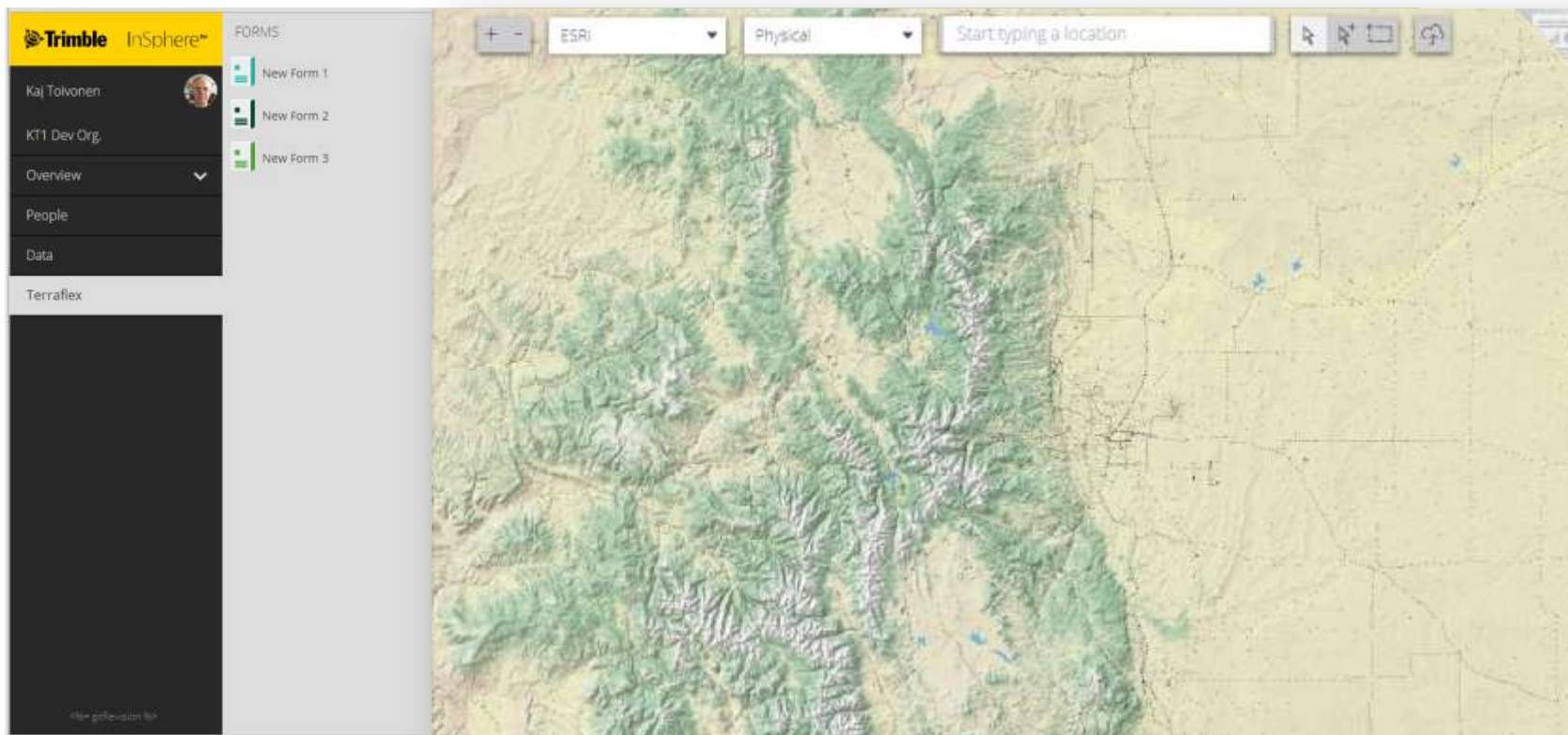
# Export to .gdb and .shp, in addition to existing formats

You may need a range of portable files to share with disconnected colleagues



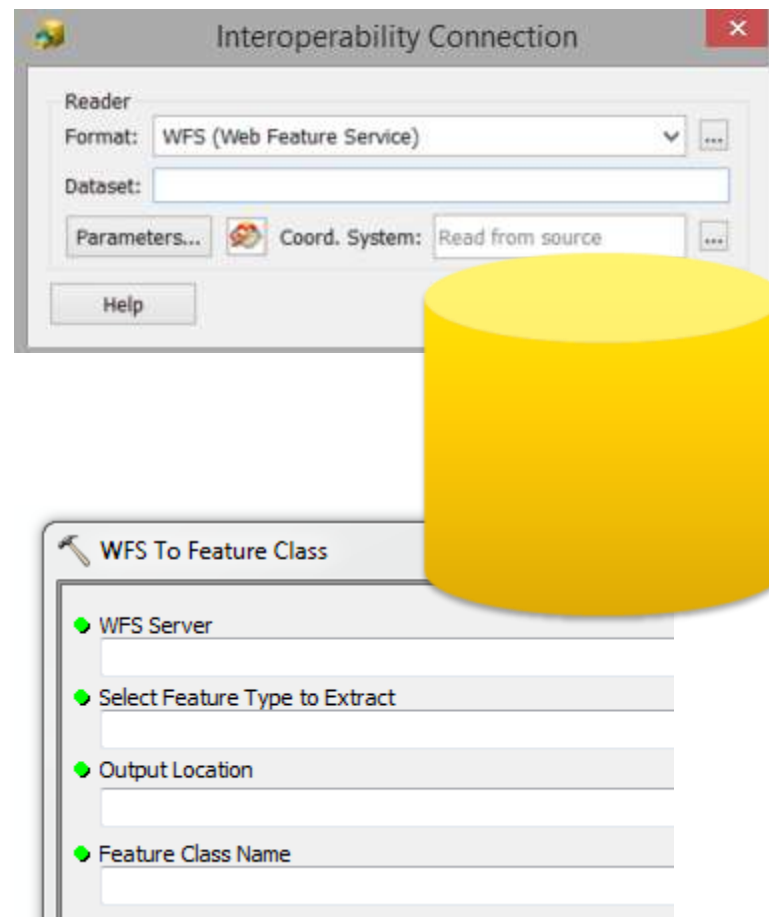
# Use ArcGIS Online Basemaps®

You may want to use freely available ArcGIS Online content for background context.



# Consume TerraFlex Data via WFS

You may be consuming or consolidating data from a variety of input sources





# New Online Help

The screenshot displays the Trimble InSphere user interface. On the left is a dark sidebar with the user's name 'Sarah Smith', organization 'GeoSmith Inc.', and project 'TerraFlex Trial'. Below this are menu items for 'PEOPLE', 'DATA', and 'TERRAFLEX'. The main content area features a grid of application tiles. Each tile includes an icon, a title, a brief description, and a yellow 'Launch' banner in the top right corner. The tiles are: 'Data Manager' (geospatial data management), 'Equipment Manager' (equipment management), 'TerraFlex' (geospatial data collection), and 'Trimble Access Services' (cloud-based data transfer). At the bottom of the grid, the 'Help & Support' tile is circled in red. It features a large yellow question mark icon and the text 'Get help with Trimble InSphere applications'. Below this tile are three buttons: 'Getting Started', 'Support Forum', and 'Documentation'. The bottom of the page contains the version number 'v2.0.162469' on the left and the copyright notice '©2014 TRIMBLE NAVIGATION LIMITED PRIVACY | TERMS' on the right.

Trimble InSphere™ Log Out

USER: Sarah Smith  
ORGANIZATION: GeoSmith Inc.  
PROJECT: TerraFlex Trial

PEOPLE  
DATA  
TERRAFLEX

**Data Manager** Launch  
Simple and efficient geospatial data management for the whole organization

Learn More | Get Mobile Apps | Get the Uploader

**Equipment Manager** Launch  
Central management for equipment with an easy-to-use interface

Learn More

**TerraFlex** Launch  
Fast and efficient geospatial data collection across a fleet of devices

Learn More | Get Mobile Apps

**Trimble Access Services**  
Cloud-based data transfer service to connect the field and office

Learn More

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PRIVACY | TERMS

# Designate Users

With the addition of eCommerce capabilities and license tracking in InSphere, users now have the ability to designate which InSphere users are licensed to use which InSphere application.

The screenshot displays the InSphere user management interface. On the left, a navigation sidebar shows the user profile for Sarah Smith, her organization (GeoSmith Inc.), and the project (TerraFlex Trial). The main content area is titled 'GeoSmith Inc.' and includes tabs for 'SUBSCRIPTIONS', 'REAL-TIME CONFIGURATIONS', and 'PEOPLE'. Below these tabs, a list of users is shown, with Sarah Smith selected. The 'Edit Details' page for Sarah Smith is visible, featuring a 'Photo' field with a 'Browse files' button, a 'Display Name' field containing 'Sarah Smith', and an 'Email' field containing 'diembul14@gmail.com'. A red circle highlights the 'Apps' section, which includes a 'Change Password' button and three checkboxes: 'Data Manager' (checked), 'Equipment Manager' (unchecked), and 'TerraFlex' (checked). Below the 'Apps' section is a 'Save User' button. At the bottom of the page, there is a 'Linked Projects' section showing 'TerraFlex Trial' and a 'Link to Project' button.



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## Q&A

### CONTACTS

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Stuart Erickson – [stuart\\_erickson@trimble.com](mailto:stuart_erickson@trimble.com)

or

Contact your Trimble Sales Manager